	Application No.	Applicant(s)
Notice of Allowability	10/752,385	EBRAHIMI ET AL.
	Examiner	Art Unit	
	CANH LE	2439	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to _06/20/2011_.

2. ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.

3. ☒ The allowed claim(s) is/are _1,2,6,8,10 and 12-15_.

4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

        a) ☐ All   b) ☐ Some*   c) ☐ None of the:

            1. ☐ Certified copies of the priority documents have been received.

            2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

            3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

        1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of
        Paper No./Mail Date _____.

    Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3. ☒ Information Disclosure Statements (PTO/SB/08),
    Paper No./Mail Date _06/20/2011_

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application

6. ☒ Interview Summary (PTO-413),
    Paper No./Mail Date _09/21/2011_ .

7. ☒ Examiner's Amendment/Comment

8. ☒ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____.

/Canh Le/
Examiner, Art Unit 2439

<div align="center">**EXAMINER'S AMENDMENT**</div>

An examiner's amendment to the record appears below. Should the changes and/or

additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR

1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the

payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with

Mr. Joseph P. Mehrle on Wednesday September 21, 2011.

The newly amended set of claims as authorized by Applicant immediately follow:

1. (Currently Amended) A method to manage secure communications ~~implemented in a~~

~~computer readable medium and to~~ executes in ~~on~~ a proxy server, the method, comprising:

establishing, by the proxy server, a secure session on a secure site with an external client

that communicates from an insecure site;

detecting, by the proxy server, access attempts during the secure session directed to

insecure transactions, the insecure transactions identified as links to a site that is external

(external site) to, not controlled by, and not recognized by the secure site, and the access

attempts are directed to the insecure transactions having references to resources of the external

site; and

transparently managing, by the proxy server, the access attempts by pre-acquiring content

from the external site by accessing the links on behalf of the external client to pre-acquire the

content and by scanning and inspecting the content within the secure site before determining

whether the content should be made available to the external client during the secure session, and

at least one access attempt associated with at least one piece of the content that is scanned

identifies a true insecure reference by determining that the true insecure reference is a particular

reference that has been determined by the method to have had the piece of the content or

metadata of the true insecure reference tampered with, and the true insecure reference is entirely

removed from the content before the content is supplied to the external client and an event is

reported as a custom warning inserted into the content supplied to the external client, the event

identifies for the external client within the content that the true insecure reference was removed

before being provided to the external client, and a number of other access attempts are associated

with different content for other references that are secure but appear insecure, these other

references are provided as secure references to the external client to suppress warning messages

from being generated within the external client with these other access attempts made during the

secure session.

8. (Currently Amended) A method to manage secure communications ~~implemented in a~~

~~computer-readable medium and to~~ executes in ~~on~~ a proxy server, the method, comprising:

detecting, by the proxy server, insecure transactions occurring during a secure session,

the insecure transactions result from actions requested by an external client participating in the

secure session;

inspecting, by the proxy server, the insecure transactions in advance of satisfying the

actions requested by pre-acquiring content associated with the insecure transactions before

making available to the external client, and the insecure transactions are associated with links to

an external site located outside a secure site associated with the secure session, and content are

pre-acquired from the external site via the links and inspected and scanned on behalf of the

external client within the proxy server, and a number of references associated with some of the

insecure references are determined to be secure, these references are translated to appear secure

to the external client and when accessed by the external client suppress warning messages from

occurring within the external client; and

    making, by the proxy server, a determination based on the inspection for taking

processing actions including one or more of the following: permitting some of the insecure

transactions to proceed unmodified by performing the actions requested for the external client;

    permitting, by the proxy server, some of the insecure transactions to proceed in a

modified fashion; and denying some of the insecure transactions by denying the actions

requested, and some of the insecure transactions that are denied are identified as references that

have a World-Wide Web (WWW) cookie associated with their headers, and these references are

entirely removed from the content before the content is supplied to the external client and the

references entirely removed are reported as custom warning messages to the external client as an

event within the content, the event identifies for the external client within the content that the

true insecure reference was removed before being provided to the external client.

DETAILED ACTION

This Office Action is in response to the application filed on 06/20/2011.

   Claims 1, 2, 6, 8, 10, and 12-15 have been pending.

Reasons for Allowance

Claims 1, 2, 6, 8, 10, and 12-15 are allowed.

The following is an examiner's statement for reasons for allowance:

The prior art of record, either singularly or in combination, failed to teach the combination of the invention as claimed in independent claim 1. For example, it failed to teach *"at least one access attempt associated with at least one piece of the content that is scanned identifies a true insecure reference by determining that the true insecure reference is a particular reference that has been determined by the method to have had the piece of the content or metadata of the true insecure reference tampered with, and the true insecure reference is entirely removed from the content before the content is supplied to the external client and an event is reported as a custom warning inserted into the content supplied to the external client, the event identifies for the external client within the content that the true insecure reference was removed before being provided to the external client, and a number of other access attempts are associated with different content for other references that are secure but appear insecure, these other references are provided as secure references to the external client to suppress warning messages from being generated within the external client with these other access attempts made during the secure session."*

This feature in light of other features describes in the independent claim 1 is allowable over the prior art of record.

The prior art of record, either singularly or in combination, failed to teach the combination of the invention as claimed in independent claim 8. For example, it failed to teach *"inspecting, by the proxy server, the insecure transactions in advance of satisfying the actions requested by pre-*

acquiring content associated with the insecure transactions before making available to the

external client, and the insecure transactions are associated with links to an external site located

outside a secure site associated with the secure session, and content are pre-acquired from the

external site via the links and inspected and scanned on behalf of the external client within the

proxy server, and a number of references associated with some of the insecure references are

determined to be secure, these references are translated to appear secure to the external client

and when accessed by the external client suppress warning messages from occurring within the

external client"

This feature in light of other features describes in the independent claim 8 is allowable over the prior art of record.

Claims 2 and 6 depend on claim 1, and are therefore considered as allowable claims.

Claims 10 and 12-15 depend on claim 8, and are therefore considered as allowable claims.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Canh Le whose telephone number is 571-270-1380. The examiner can normally be reached on Monday to Friday 7:30AM to 5:00PM other Friday off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Orgad Edan can be reached on 571-272-7884. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published applications

may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

applications is available through Private PAIR only. For more information about the PAIR

system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR

system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would

like assistance from a USPTO Customer Service Representative or access to the automated

information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Canh Le/

Examiner, Art Unit 2439

September 21, 2011

/Edan Orgad/
Supervisory Patent Examiner, Art Unit 2439